

Subtrahiere die Brüche und kürze anschließend, falls möglich:

① a) $\frac{5}{13} - \frac{7}{26} =$

b) $\frac{14}{45} - \frac{2}{9} =$

c) $\frac{17}{42} - \frac{5}{14} =$

d) $\frac{3}{4} - \frac{19}{30} =$

② a) $\frac{4}{5} - \frac{11}{45} =$

b) $\frac{1}{6} - \frac{1}{36} =$

c) $\frac{23}{25} - \frac{4}{5} =$

d) $\frac{27}{35} - \frac{4}{7} =$

③ a) $\frac{11}{17} - \frac{9}{34} =$

b) $\frac{8}{15} - \frac{17}{45} =$

c) $\frac{15}{16} - \frac{13}{24} =$

d) $\frac{5}{6} - \frac{29}{42} =$

④ a) $\frac{20}{21} - \frac{29}{42} =$

b) $\frac{13}{22} - \frac{1}{2} =$

c) $\frac{10}{13} - \frac{2}{3} =$

d) $\frac{11}{12} - \frac{23}{36} =$

⑤ a) $\frac{11}{12} - \frac{8}{15} =$

b) $\frac{17}{20} - \frac{3}{5} =$

c) $\frac{6}{11} - \frac{9}{44} =$

d) $\frac{25}{32} - \frac{5}{8} =$

Subtrahiere die Brüche und kürze anschließend, falls möglich:

$$\textcircled{1} \quad \text{a) } \frac{5}{13} - \frac{7}{26} = \frac{10}{26} - \frac{7}{26} = \frac{3}{26}$$

$$\text{b) } \frac{14}{45} - \frac{2}{9} = \frac{14}{45} - \frac{10}{45} = \frac{4}{45}$$

$$\text{c) } \frac{17}{42} - \frac{5}{14} = \frac{17}{42} - \frac{15}{42} = \frac{2}{42} = \frac{1}{21}$$

$$\text{d) } \frac{3}{4} - \frac{19}{30} = \frac{45}{60} - \frac{38}{60} = \frac{7}{60}$$

$$\textcircled{2} \quad \text{a) } \frac{4}{5} - \frac{11}{45} = \frac{36}{45} - \frac{11}{45} = \frac{25}{45} = \frac{5}{9}$$

$$\text{b) } \frac{1}{6} - \frac{1}{36} = \frac{6}{36} - \frac{1}{36} = \frac{5}{36}$$

$$\text{c) } \frac{23}{25} - \frac{4}{5} = \frac{23}{25} - \frac{20}{25} = \frac{3}{25}$$

$$\text{d) } \frac{27}{35} - \frac{4}{7} = \frac{27}{35} - \frac{20}{35} = \frac{7}{35} = \frac{1}{5}$$

$$\textcircled{3} \quad \text{a) } \frac{11}{17} - \frac{9}{34} = \frac{22}{34} - \frac{9}{34} = \frac{13}{34}$$

$$\text{b) } \frac{8}{15} - \frac{17}{45} = \frac{24}{45} - \frac{17}{45} = \frac{7}{45}$$

$$\text{c) } \frac{15}{16} - \frac{13}{24} = \frac{45}{48} - \frac{26}{48} = \frac{19}{48}$$

$$\text{d) } \frac{5}{6} - \frac{29}{42} = \frac{35}{42} - \frac{29}{42} = \frac{6}{42} = \frac{1}{7}$$

$$\textcircled{4} \quad \text{a) } \frac{20}{21} - \frac{29}{42} = \frac{40}{42} - \frac{29}{42} = \frac{11}{42}$$

$$\text{b) } \frac{13}{22} - \frac{1}{2} = \frac{13}{22} - \frac{11}{22} = \frac{2}{22} = \frac{1}{11}$$

$$\text{c) } \frac{10}{13} - \frac{2}{3} = \frac{30}{39} - \frac{26}{39} = \frac{4}{39}$$

$$\text{d) } \frac{11}{12} - \frac{23}{36} = \frac{33}{36} - \frac{23}{36} = \frac{10}{36} = \frac{5}{18}$$

$$\textcircled{5} \quad \text{a) } \frac{11}{12} - \frac{8}{15} = \frac{55}{60} - \frac{32}{60} = \frac{23}{60}$$

$$\text{b) } \frac{17}{20} - \frac{3}{5} = \frac{17}{20} - \frac{12}{20} = \frac{5}{20} = \frac{1}{4}$$

$$\text{c) } \frac{6}{11} - \frac{9}{44} = \frac{24}{44} - \frac{9}{44} = \frac{15}{44}$$

$$\text{d) } \frac{25}{32} - \frac{5}{8} = \frac{25}{32} - \frac{20}{32} = \frac{5}{32}$$